

CLAIMS

What is claimed is:

1. A folding roll for a folding apparatus, said folding roll comprising:
 2. at least one cylindrical surface having at least one frictional area to which frictional material has been applied by thermal spray coating, said at least one frictional area being bounded by deeper areas to which no friction material has been applied.
 2. A folding roll as in claim 1 wherein said at least one frictional area comprises a plurality of four-cornered frictional areas.
 3. A folding roll as in claim 1 wherein said at least one frictional area comprises a strip of frictional material running spirally around said cylindrical surface.
 4. A folding roll as in claim 1 wherein said at least one cylindrical surface comprises a plurality of cylindrical surfaces separated by circumferential channels for tape lines, each said circumferential channel having a circumferential surface provided with at least one frictional area to which frictional material has been applied by thermal spray coating.
 2. A folding roll as in claim 1 wherein said frictional material has a depth of about 0.3 mm on said frictional areas.
 2. A folding roll as in claim 2 wherein said folding roll comprises part of a third longitudinal folding apparatus.

1 7. A folding roll as in claim 3 wherein said folding roll comprises part
2 of a folding former.

1 8. A method of producing a folding roll for a folding apparatus, the
2 method comprising:

3 fitting a mask to at least one cylindrical surface, said mask having cutouts
4 shaped and arranged to correspond to the shape and arrangement of desired frictional
5 areas on said at least one cylindrical surface;

6 applying a frictional material by means of thermal spray-coating to said
7 mask and said at least one cylindrical surface via said cutouts; and

8 removing said mask.

1 9. A method as in claim 8 wherein said mask is provided with
2 longitudinal edges, said mask being fitted to said at least one cylindrical surface so that
3 said longitudinal edges form a butt joint.

1 10. A method of producing a folding roll for a folding apparatus, the
2 method comprising:

3 winding a strip-like mask around a cylindrical surface spirally to form turns
4 separated by a gap corresponding to a frictional area extending spirally around said
5 cylindrical surface;

6 applying a frictional material by means of thermal spray-coating to said
7 mask and said at least one cylindrical surface via said gap; and
8 removing said mask.